

INTERNATIONAL SEARCH REPORT

International Application No
PCT/DK2004/000241

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K31/451 A61K31/4418 C07D211/22 C07D211/70 C07D407/12
A61P25/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EP0-Internal, WPI Data, PAJ, BEILSTEIN Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	WO 03/029232 A (BANG-ANDERSEN BENNY ; PUESCHL ASK (DK); ANDERSEN KIM (DK); RUHLAND THO) 10 April 2003 (2003-04-10) claims 1,13,14 -----	1-19
Y	US 4 241 071 A (ANDERSON VERNON B ET AL) 23 December 1980 (1980-12-23) claims 6,24 -----	1-19
Y	US 4 198 417 A (ONG HELEN H ET AL) 15 April 1980 (1980-04-15) claims 1,54 ----- -/-	1-19

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

° Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

28 June 2004

Date of mailing of the international search report

14/07/2004

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	L. MARTIN ET AL.: "Synthesis of Spiro'isobenzofuran-1(3H),4'piperidines! as Potential Central Nervous System Agents. Conformationally Mobile Analogues Derived by Furan Ring Opening" J. MED. CHEM., vol. 22, no. 11, 1979, pages 1347-1354, XP002286159 table I -----	1-19
A	WO 01/27068 A (HOWARD HARRY RALPH JR ; PFIZER PROD INC (US); ADAM MAVIS DIANE (US)) 19 April 2001 (2001-04-19) the whole document -----	1-19

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

Although claim 18 is directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- The additional search fees were accompanied by the applicant's protest.
 No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO 03029232	A	10-04-2003	WO	03029232 A1		10-04-2003
US 4241071	A	23-12-1980	US	4414219 A	08-11-1983	
			US	4311703 A	19-01-1982	
			AT	57578 A	15-07-1982	
			BE	863402 A1	27-07-1978	
			CA	1103677 A1	23-06-1981	
			DE	2802306 A1	10-08-1978	
			DK	38778 A	28-07-1978	
			ES	466239 A1	01-06-1979	
			FI	780237 A	28-07-1978	
			FR	2378770 A1	25-08-1978	
			GB	1600654 A	21-10-1981	
			GR	74891 A1	12-07-1984	
			HU	179982 B	28-01-1983	
			IL	53904 A	31-07-1981	
			JP	53095963 A	22-08-1978	
			NL	7800969 A	31-07-1978	
			NO	780290 A	28-07-1978	
			PT	67585 A ,B	01-02-1978	
			SE	7801046 A	28-07-1978	
			ZA	7800493 A	27-12-1978	
US 4198417	A	15-04-1980	DE	2952213 A1	24-07-1980	
			FR	2446283 A1	08-08-1980	
			GB	2043632 A ,B	08-10-1980	
			JP	55094363 A	17-07-1980	
WO 0127068	A	19-04-2001	AU	769430 B2	29-01-2004	
			AU	7307000 A	23-04-2001	
			BG	106603 A	29-12-2002	
			BR	0014733 A	11-06-2002	
			CA	2387517 A1	19-04-2001	
			CN	1378527 T	06-11-2002	
			CZ	20021180 A3	13-11-2002	
			EE	200200191 A	16-06-2003	
			EP	1220831 A1	10-07-2002	
			HR	20020324 A1	31-08-2003	
			HU	0203448 A2	28-02-2003	
			WO	0127068 A1	19-04-2001	
			JP	2003511434 T	25-03-2003	
			NO	20021659 A	08-04-2002	
			SK	4732002 A3	03-12-2002	
			TR	200201004 T2	21-11-2002	
			US	2003055038 A1	20-03-2003	
			ZA	200202804 A	10-04-2003	
			US	6410736 B1	25-06-2002	